

US008127345B2

US 8,127,345 B2

*Feb. 28, 2012

(12) United States Patent

Gregg et al.

(54) METHOD AND SYSTEM FOR MANAGING ACCESS TO PROTECTED COMPUTER RESOURCES PROVIDED VIA AN INTERNET PROTOCOL NETWORK

(75) Inventors: **Richard L. Gregg**, Elkhorn, NE (US); **Sandeep Giri**, Omaha, NE (US);

Timothy C. Goeke, Elkhorn, NE (US)

(73) Assignee: **Prism Technologies LLC**, Omaha, NE

(US)

(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 585 days.

This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 11/978,919

(22) Filed: Oct. 30, 2007

(65) **Prior Publication Data**

US 2008/0066168 A1 Mar. 13, 2008

Related U.S. Application Data

- (63) Continuation of application No. 10/230,638, filed on Aug. 29, 2002, now Pat. No. 7,290,288, which is a continuation-in-part of application No. 08/872,710, filed on Jun. 11, 1997, now Pat. No. 6,516,416.
- (51) Int. Cl.

 G06F 7/04 (2006.01)

 G06F 15/16 (2006.01)

 G06F 17/30 (2006.01)

 H04L 29/06 (2006.01)

See application file for complete search history.

(10) **Patent No.:**

(56)

(45) Date of Patent:

References Cited U.S. PATENT DOCUMENTS

4,691,355 A 9/1987 Wirstrom et al. (Continued)

FOREIGN PATENT DOCUMENTS

EP 94111581.8 2/1995 (Continued)

OTHER PUBLICATIONS

Prism Technologies LLC., v. Verisign, Inc., et al.; Civil Action No. 05-214 JJF; Defendants' Second Supplemental Joint 35 U.S.C. § 282 Notice; Mar. 12, 2007; 7 pages; Exhibit A, pp. 1-80.

(Continued)

Primary Examiner — Kambiz Zand Assistant Examiner — Aubrey Wyszynski (74) Attorney, Agent, or Firm — Martin & Ferraro, LLP

(57) ABSTRACT

A method and system for controlling access, by an authentication server, to protected computer resources provided via an Internet Protocol network that includes storing (i) a digital identification associated with at least one client computer device, and (ii) data associated with the protected computer resources in at least one database associated with the authentication server; authenticating, by the authentication server, the digital identification forwarded by at least one access server; authorizing, by the authentication server, the at least one client computer device to receive at least a portion of the protected computer resources requested by the at least one client computer device, based on the stored data associated with the requested protected computer resources; and permitting access, by the authentication server, to the at least the portion of the protected computer resources upon successfully authenticating the digital identification and upon successfully authorizing the at least once client computer device.

92 Claims, 27 Drawing Sheets

